

P21293.P01

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. P21293

Total Pages

Inventor(s) or Application Identifier
Choong Hung Viktor CHENG and Soo Yin CHENG

Title: KNOWLEDGE DISCOVERY SYSTEM

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

APPLICATION ELEMENTS		ACCOMPANYING APPLICATION PARTS	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)		9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. <ul style="list-style-type: none"> a. <input type="checkbox"/> Small Entity Statement(s) 		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
3. <input checked="" type="checkbox"/> Specification [Total Pages 28] (preferred arrangement set forth below) <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 		10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 46]		11. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)	
5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 3] <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) <input checked="" type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 20 completed) [Note Box 6 below] <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 		12. <input type="checkbox"/> English Translation Document (if applicable)	
6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		14. <input type="checkbox"/> Preliminary Amendment	
8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)		15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. _____ / _____, filed _____. <i>Prior application information: Examiner: _____ Group Art Unit: _____</i>		16. <input checked="" type="checkbox"/> Figure of Drawing to be published 1	
21. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence: This application is a _____ continuation-in-part, _____ continuation, _____ divisional, of Application No. _____ / _____, filed _____.		17. <input checked="" type="checkbox"/> Foreign priority claimed <i>10/870,01</i> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Claim of Priority b. <input type="checkbox"/> Certified Copy of Priority Document(s) 	
		18. <input checked="" type="checkbox"/> Assignee: KENT RIDGE DIGITAL LABS of SINGAPORE	
		19. <input checked="" type="checkbox"/> Other: <u>Cover Letter under 37 CFR 1.53(b) and (f)</u> <hr/> <hr/> <hr/> <hr/>	

Address all future correspondence to Customer No. 7055 at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.
 1941 Roland Clarke Place
 Reston, VA 20191
 (703) 716-1191

8/20/01

Date

*Lester H. Bernstein Reg 16
33,329*

Signature

Bruce H. Bernstein, Reg No. 29,027

Typed or Printed Name

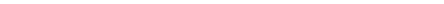


07055

PATENT TRADEMARK OFFICE

FEE TRANSMITTAL

FEE TRANSMITTAL				Complete if Known																																																																																																																																																																																																									
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METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																																									
<p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))</p> <p><input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)</p> <p><input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27.</p> <p><input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>				<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR Prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within 1st month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for response within 2nd month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for response within 3rd month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for response within 4th month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for response within 5th month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of IDS</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td colspan="4"></td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td colspan="4"></td> </tr> <tr> <td colspan="4"></td> <td colspan="2" style="text-align: right;">SUBTOTAL (3) (\$)</td> <td colspan="2" style="text-align: right;">0.00</td> </tr> </tbody> </table>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet.		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR Prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within 1st month		116	390	216	195	Extension for response within 2nd month		117	890	217	445	Extension for response within 3rd month		118	1,390	218	695	Extension for response within 4th month		128	1,890	228	945	Extension for response within 5th month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,240	241	620	Petition to revive unintentionally abandoned application		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of IDS		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____								Other fee (specify) _____												SUBTOTAL (3) (\$)		0.00	
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SUBMITTED BY		Complete (if applicable)		
Type or Printed Name	Bruce H. Bernstein	Reg. Number	29,027	
Signature		Date	8/20/01	Deposit Account User ID

P21293.P03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : C.H.V. CHENG et al.

Serial No : Not Yet Assigned

Filed : Concurrently Herewith

For : KNOWLEDGE DISCOVERY SYSTEM

COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION
FILED UNDER 37 C.F.R. 1.53(b)and 1.53(f)

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b)and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. An executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to this, a correspondence address is provided in the unexecuted Declaration and Power of Attorney, and is as follows:

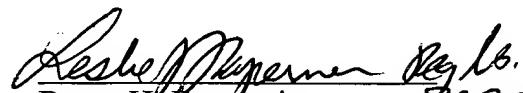
GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
Reston, Va. 20191

The above-identified application includes:

- 28 pages of specification (including Abstract);
- 29 total claims; with 5 independent;
- 46 sheets of drawings with 46 figures;
- an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,
C.H.V. CHENG et al.


Bruce H. Bernstein 33,329
Reg. No. 29,027

August 20, 2001
GREENBLUM & BERNSTEIN, P.L.C.
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